

ABSTRACT

An electrical connector has a first connector member, a second connector member, and a locking ring. The first connector member has a first contact and an abutment surface. The second connector member has a second contact for electrical connection with the first contact and a groove. The locking ring is disposed on the first connector member and has latching fingers. The latching fingers are of at least a first type and a second type. The first type has a different length than the second type so that the first type engages the groove when the abutment surface is a first distance from the groove and the second type engages the groove when the abutment surface is a second distance from the groove when the first and second connector members are mated to lock the first connector member to the second connector member.